Listing of Claims

This Listing of Claims shall replace all prior versions and listings of claims in the application.

1-18. (Cancelled).

19. (Previously Presented) An isolated polynucleotide molecule comprising a nucleotide sequence encoding the polypeptide of SEQ ID NO: 19, wherein said polynucleotide molecule is integrated into the chromosome of a cell of the genus *Corynebacterium*.

20. (Original) The isolated polynucleotide molecule of claim 19 comprising a nucleic acid having the sequence of SEQ ID NO: 18.

21. (Cancelled)

22. (Previously Presented) A host cell comprising the isolated polynucleotide molecule of claim 19.

23. (Currently Amended) [[The]] A host cell comprising a vector comprising an isolated polynucleotide molecule comprising a nucleotide sequence encoding the polypeptide of SEQ ID NO: 19, wherein said host cell is NRRL B30360.

24. (Currently Amended) A method for selecting a transformed host cell comprising:

(a) transforming a *Corynebacterium* species host cell with [[the]] a vector containing a polynucleotide molecule comprising a nucleotide sequence encoding the polypeptide of SEQ ID NO: 19, wherein said polynucleotide molecule is integrated into the chromosome of said host cell ~~polynucleotide molecule of claim 19~~, and

(b) selecting a transformed host cell.

25-32. (Cancelled).

Amendments to the Specification

Please amend the Abstract as follows. Cancellation of material from the Abstract shall in no way indicate surrender of that subject matter to the extent that it is otherwise within the scope of the claims:

The invention provides methods to increase the production of an amino acid from Corynebacterium species by way of the amplification of amino acid biosynthetic pathway genes in a host cell chromosome. Amplification may be by integration of one or more copies of a gene or genes into a host cell chromosome. One gene that may be incorporated is the gene ORF2, which encodes an unnamed hypothetical protein and which may be obtained from *Corynebacterium glutamicum*. The invention also provides novel isolated nucleic acid molecules for L-lysine biosynthetic pathway genes of Corynebacterium glutamicum.

Please replace the paragraph immediately after the "Cross-Reference to Related Applications" with the following paragraph:

This application is a divisional of ~~copending~~ U.S. Patent Application No. 09/722,441, filed November 28, 2000, now U.S. Patent No. 6,927,046, which claims the benefit of U.S. Provisional Application No. 60/184,130, filed February 22, 2000, and U.S. Provisional Application No. 60/173,707, filed December 30, 1999, each of which is herein incorporated by reference.

Please replace the paragraph beginning on page 11, line 20, with the following paragraph:

Figure 24. The amino acid sequence of truncated ORF2 (SEQ ID NO: 19) ~~(SEQ ID NOS: 18-19)~~.

Amendments to the Figures

Kindly replace Figure 24 with the Replacement Sheet enclosed. This Replacement Sheet amends Figure 24 to include isoleucine as the final amino acid in the sequence. This amendment is supported by SEQ ID NO: 19 as filed, as well as by the original caption of Figure 24, which states, "Truncated ORF2 amino acid sequence (SEQ ID NO: 19)." Entry of the amendment is respectfully requested.